

Application No. 09/998,855
Docket No. 2000U055.US
Reply to Office Action Dated April 20, 2004

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A catalyst composition comprising a polymerization catalyst and at least one gelling agent; wherein the gelling agent is selected from of the group consisting of: aluminum ortho-phosphates, diester phosphates, steroid and anthryl derivatives, amino acid-type gelators, and quaternary alkylammonium salts; wherein characterized in that the at least one gelling agent forms thermally-reversible viscoelastic liquid-like or solid like materials in organic liquids.
2. (Cancelled).
3. (Currently amended) The catalyst composition of claim 1 wherein the gelling agent is selected from the groups consisting of: tetraoctadecyl ammonium bromide, dihexadecylaluminum ortho phosphate, 2,3-bis-n-decyloxy-anthracene, cholesteryl 4-(2-anthryloxy) butanoate and cholesteryl anthraquinone-2-carboxylate.
4. (Cancelled)
5. (Original) The catalyst composition of claim 1 wherein the polymerization catalyst is a supported polymerization catalyst comprising a carrier.
6. (Currently amended) A method for making a catalyst composition, the method comprising the steps of:
 - (a) forming a polymerization catalyst; and
 - (b) adding at least one gelling agent, wherein the gelling agent is selected from of the group consisting of: aluminum ortho-phosphates, diester phosphates, steroid and anthryl derivatives, amino acid-type gelators, and quaternary alkylammonium salts;
wherein characterized in that the at least one gelling agent forms thermally-reversible viscoelastic liquid-like or solid like materials in organic liquids.

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7. (Original) The method of claim 6 wherein the polymerization catalyst comprises a carrier.
8. (Cancelled).
- 9-18. (Cancelled)
19. (Previously presented) The method of Claim 6, wherein the adding of (b) takes place in a liquid prior to addition to a polymerization reactor.
20. (Previously presented) The method of Claim 19, wherein the liquid is selected from the group consisting of mineral oil, toluene, hexene, isobutane, and mixtures thereof.
21. (New) The catalyst composition of Claim 1, wherein the polymerization catalyst is a metallocene.
22. (New) The method of Claim 6, wherein the polymerization catalyst is a metallocene.